

Site Visit Record

Date: August 4, 2015

File: ST8310, R8771, and R9048, Zill LLC (Inner City Oil Co. Inc.)
3814 E. 31st Street, Kansas City, Jackson County, MO

Purpose: Orientation and Oversight of Groundwater Gauging Event by APEX Envirotech

Attendees

Valerie Garrett	Missouri Department of Natural Resources/Tanks Section
Vincent Henry	Missouri Department of Natural Resources/Tanks Section
Roarke Holzschuh	Missouri Department of Natural Resources/Kansas City Regional Office/EER
Tim Bradfield	APEX Envirotech, Inc.

Background

Evidence of the release of petroleum substances has been found at this site. Soil borings and groundwater monitoring wells installed on-site and off-site (downgradient) to the north, west, and northwest have exhibited petroleum contamination. In addition free product has been observed in several of the groundwater monitoring wells located both on and off-site.

Summary of Orientation Activities

Prior to observing the gauging activities, DNR staff met up with Roarke Holzschuh to become familiar with the activities that have been conducted to address the indoor vapor issues in the affected residences and businesses along Cleveland Avenue. Staff also drove by other locations that have been identified as potential contributors of contamination in this area to become familiar with these locations in anticipation of conducting additional investigation activities. Photographs of these properties were taken from the vehicle.

Summary of the Gauging Activities

Tim Bradfield conducted the gauging of the groundwater monitoring wells that were installed as part of the investigation of release # R8771. The wells were opened and allowed to equilibrate. Tim then utilized a product/water interface probe to check for free product and determine the groundwater elevation and the thickness of any free product layer in each well. The presence or absence of free product was then confirmed by drawing a sample of groundwater from the well using a bailer. After visual observation and photographic documentation was completed, the bailer was emptied into a bucket which was subsequently transferred to a drum on site for future disposal. While multiple bailers of groundwater were removed from some of the wells containing free product, the wells were not continuously bailed to the point where free product was no longer present or did not recharge.

At the time of the site visit, a dark-colored free product layer was present in MW-7, MW-9, MW-10, and a lighter product layer was present in the two tank pit observation wells. Tim Bradfield agreed that the lighter product in the observation wells was significantly different in appearance than the darker product in MW-7, MW-9, and MW-10. He also indicated the lighter product had a stronger odor and appeared to be from a fresher release (than the darker product).

No free product appeared to be present in MW-16. DNR staff left before MW-B was gauged, therefore, it is not known whether free product was present in that well on this date.

While on site, staff observed that three of the gasoline dispenser nozzles had been bagged. The reason these dispensers were taken out of use was not investigated or determined.

Photographs of the site and the groundwater gauging activities taken during this site visit are attached.

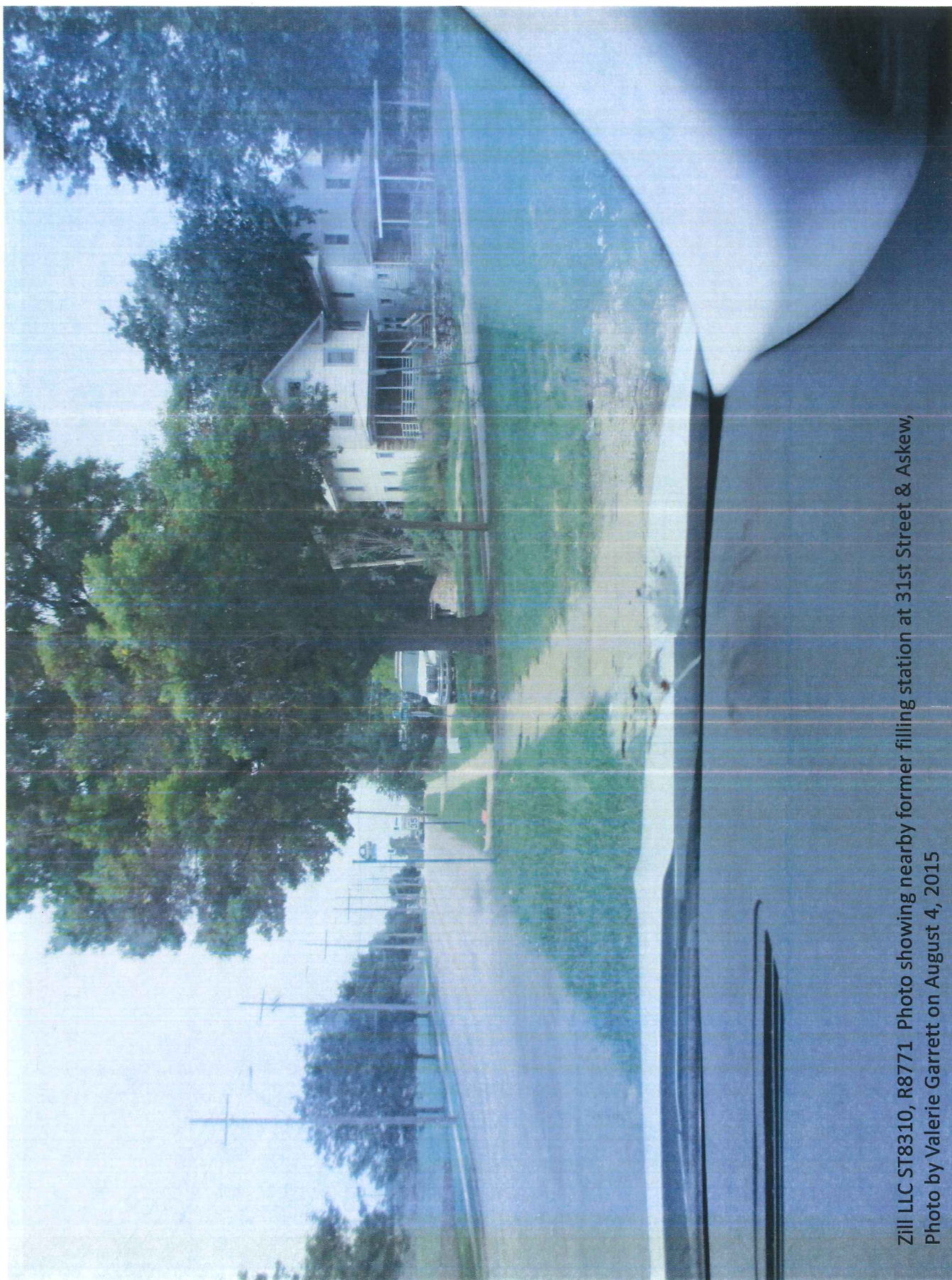
Valerie Garrett 8/7/15



Zill LLC ST8310, R8771 Photo showing South end of Hoenshell's Garage building at 3027 Monroe Avenue
Photo by Valerie Garrett on August 4, 2015



Zill ST 8310, R8771 Photo showing north end of Hoenshell's Garage Building at 3027 Monroe Avenue
Photo by Valerie Garrett on August 4, 2015



Zill LLC ST8310, R8771 Photo showing nearby former filling station at 31st Street & Askew,
Photo by Valerie Garrett on August 4, 2015



Zill LLC ST8310, R8771, Photo showing Former Filling Station at 31st and Askew (3600-3610 E. 31st Street)
Photo by Vince Henry on August 4, 2015



Zill LLC ST8310, R8771, Photo showing former filling station at 31st Street and Askew (3600-3610 E. 31st Street)
Photo by Vince Henry on August 4, 2015



Zill LLC ST8310, R8771 Photo showing location of basketball courts location of former gas station
Photo by Valerie Garrett on August 4, 2015



Zill LLC ST8310, R8771, Photo showing front of Whitley's Auto located at 3500 E. 31st Street
Photo by Vince Henry on August 4, 2015



Zill LLC ST8310, R8771 Photo showing front of Whitley's Auto located at 3500 E. 31st Street
Photo by Vince Henry on August 4, 2015



Zill LLC ST8311, R8771 Photo showing vacant lot owned by Kanas City School District located at 31st & Indiana Avenue
Photo by Valerie Garrett on August 4, 2015



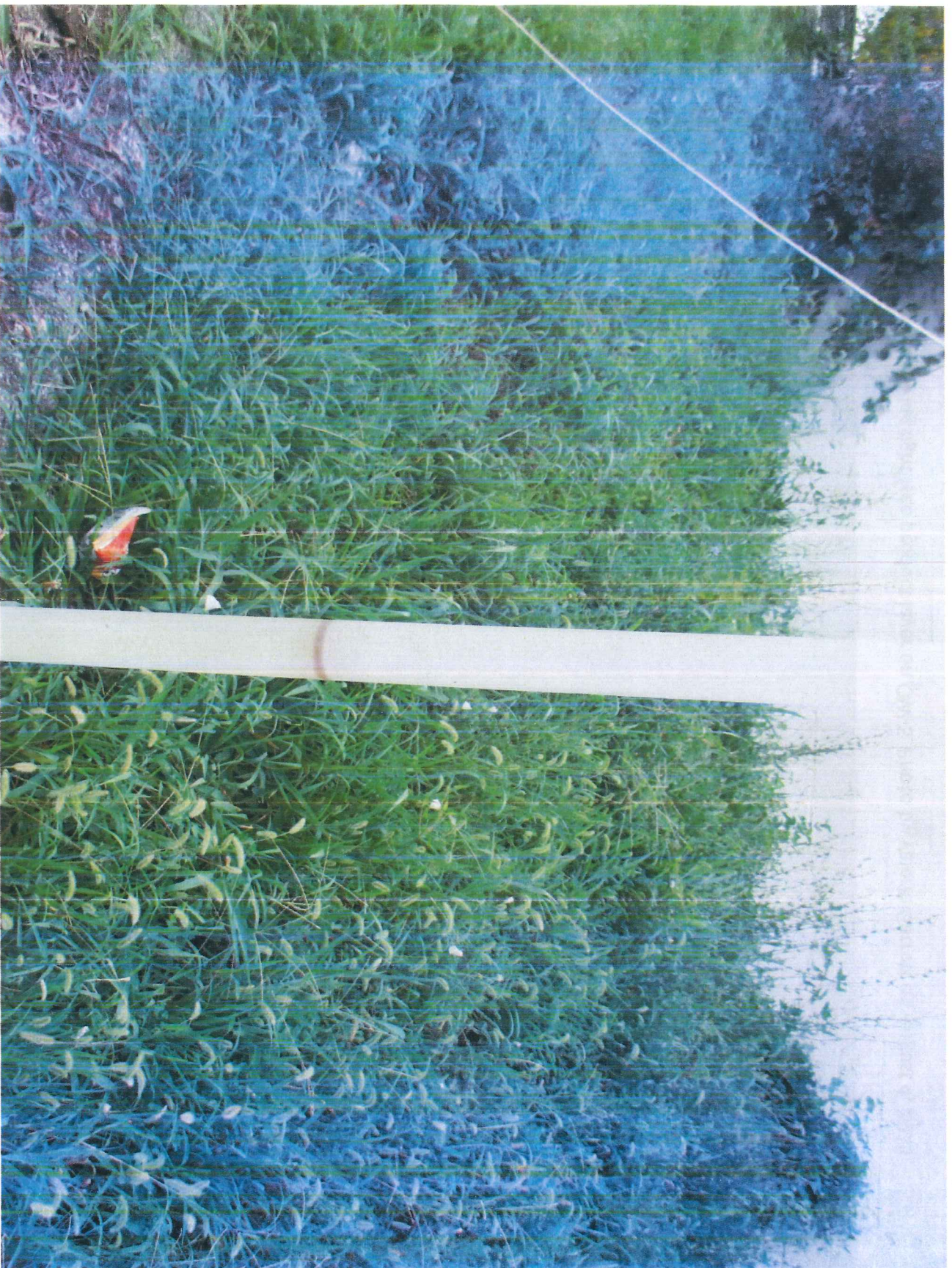
Zill LLC ST8310, R8771, Photo showing Lindwood BP site located at Lindwood Blvd & Indiana Ave ,
Photo by Valerie Garrett August 4, 2015



Zill LLC ST8310, R8771 Photo showing station looking east from vicinity of UST pit
Photo by Valerie Garrett on August 4, 2015



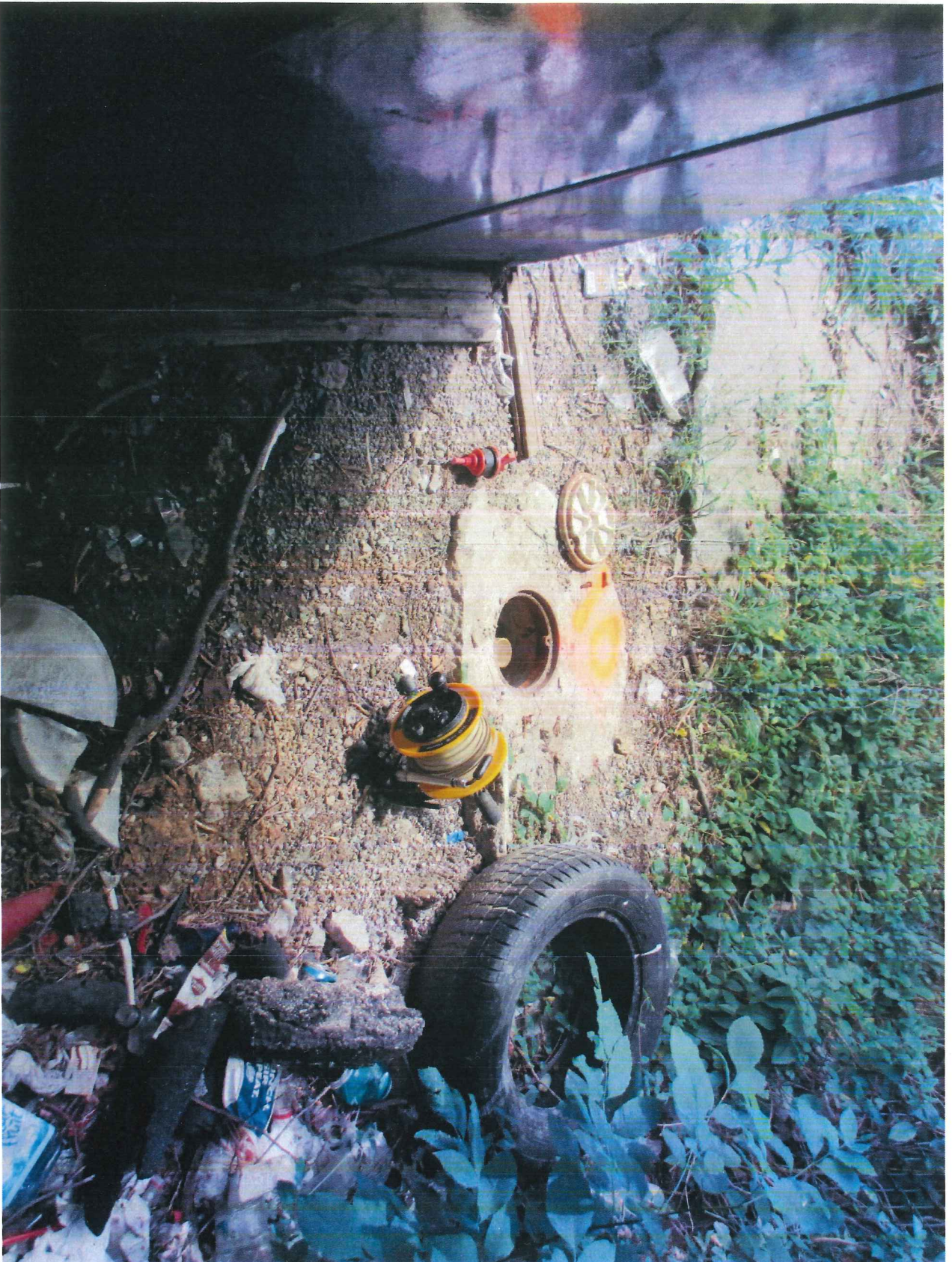
Zill LLC ST8310, R8771 Photo showing light free product layer on OW-S Photo by Valerie Garrett on August 4, 2015



Zill LLC Site, ST 8310, R8771

Photo showing dark free product layer on MW-9

Photo by Valerie Garrett on August 4, 2015



ZIII LLC ST 8310, R8711 Photo showing MM-10 Photo by Valerie Garrett on August 4, 2015



Zills LLC ST8310, R8771 Photo showing dark free product layer in MW-10 Photo by Valerie Garrett on August 4, 2015



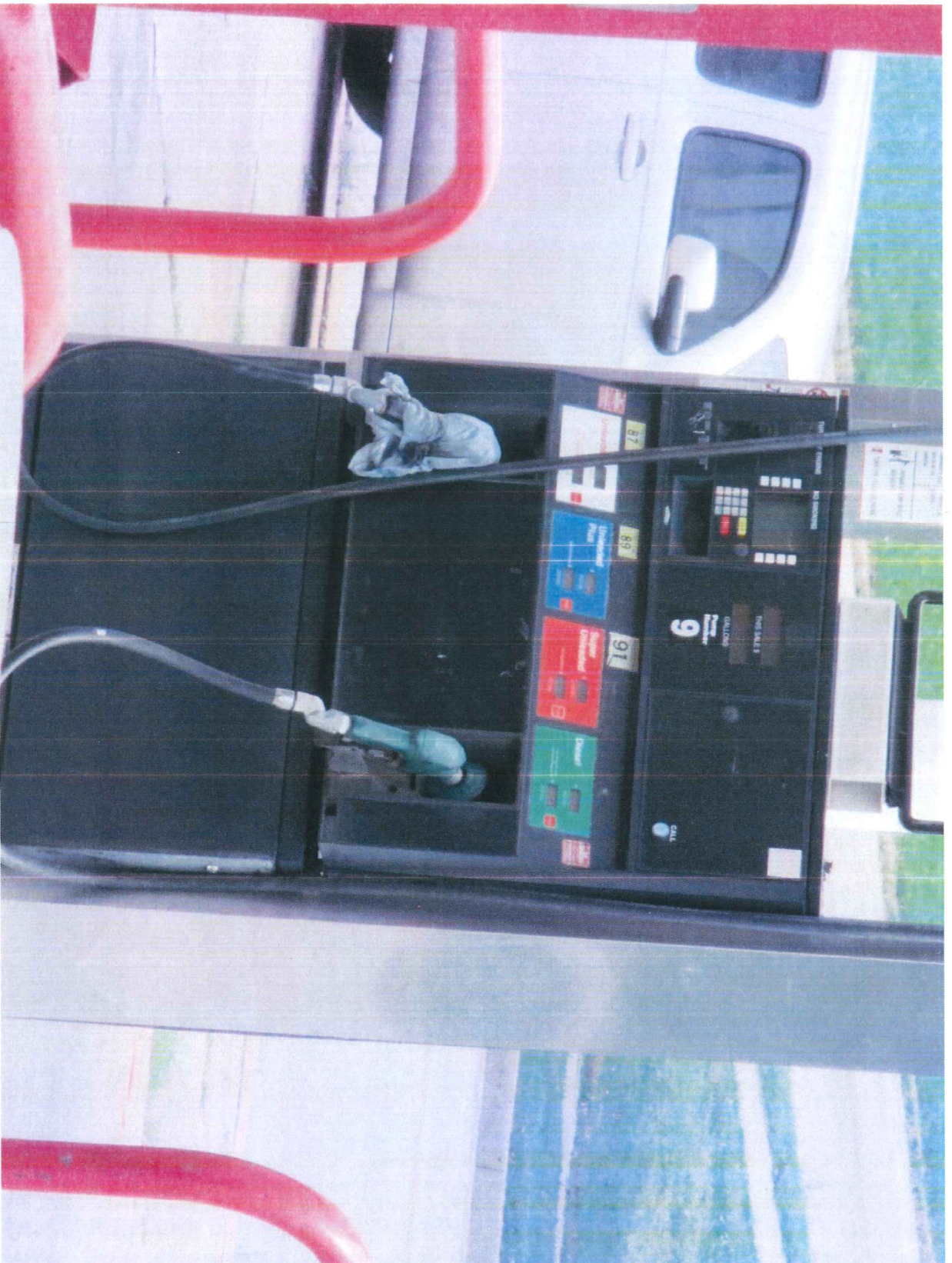
Zill LLC ST8310, R8771 Photo showing dispensers, bags covering nozzels Photo by Valerie Garrett on August 4, 2015



Zill LLC ST8310, R8771 Photo showing dispensers (center one with bag over nozzle) Photo by Valerie Garrett on August 4, 2015



Zill LLC ST8310, R8771 Photo showing dispenser with bag over nozzle Photo by Valerie Garrett on August 4, 2015



Zill LLC, ST8310, R8771 Photo showing dispenser with bag over nozzle Photo by Valerie Garrett on August 4, 2015